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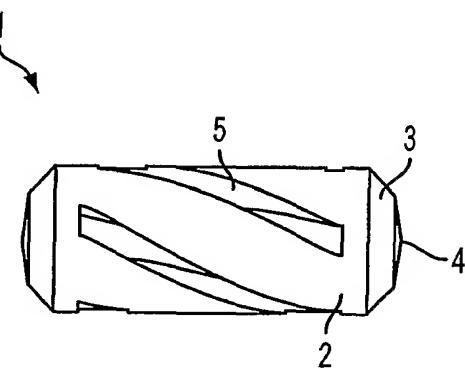
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(54) Title: STRUCTURED FOAM PIG



(57) **Abstract:** The present invention relates to a device intended to be passed through a pipeline of variable diameter, propelled by a liquid flowing inside said pipeline. The device has an elongated cylindrical body (2) made of polymer foam, with a number of deep channels (5) equally spaced from each other, coiled around the length of the cylindrical body (2) of the pig (1), beginning close to one end of the body (2) and ending close to the other end. These ends have a basically bulled-nosed shape, conferring a symmetrical aspect. Structural cleaning elements (6), not interconnected, are inserted inside the cylindrical body (2) of the pig. They are made of elastomeric material and have a central core (7) with spiral scraping extensions (8) of the same number as the deep channels (5) in the body (2) of the pig (1). The spiral scraping extensions (8) are at an angle to the axis of the cylindrical body (2) of the pig (1) as well as to the scraping extensions (8) of the adjacent modules, inasmuch as they follow the configuration of the spiral channel (5).

WO 2005/080012 A1